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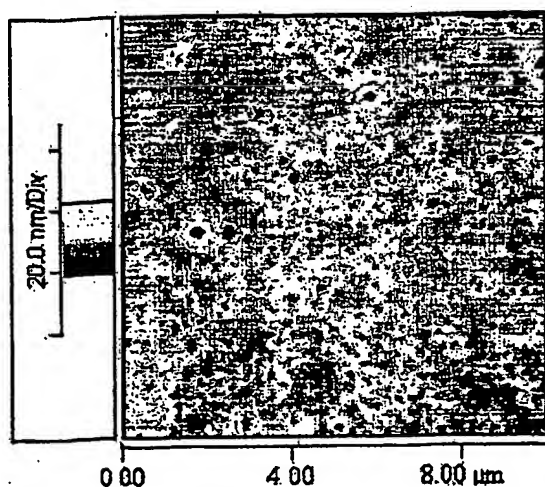
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(54) Title: THERMOSENSITIVE POLYMERS FOR THERAPEUTIC USE AND METHODS OF PREPARATION



(57) Abstract: A process for preparing a thermosensitive
polymer from a microemulsion is provided. The
microemulsion comprises a monomer capable of
forming a thermosensitive polymer and a polymerizable
surfactant. Additional comonomers may be included in
the microemulsion to vary the properties of the polymers
produced. The resulting thermosensitive polymers may
be nanoporous. The polymers according to the invention
are suitable for use in medical applications, including use
as a wound dressing and for delivery of cells to a graft
site.

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